

GRK1504/2: Spring Block Course 2015



Report of Contributions

Contribution ID: 1

Type: **not specified**

Astroparticle Physics Lecture 1

Monday 16 March 2015 17:15 (1h 15m)

Presenter: ENGEL, Ralph (Karlsruhe Institute of Technology (KIT))

Session Classification: Astroparticle Physics

Track Classification: Astroparticle Physics

Contribution ID: 2

Type: **not specified**

Astroparticle Physics Lecture 2

Tuesday 17 March 2015 10:45 (1h 15m)

Presenter: ENGEL, Ralph (Karlsruhe Institute of Technology (KIT))

Session Classification: Astroparticle Physics

Track Classification: Astroparticle Physics

Contribution ID: 3

Type: **not specified**

Astroparticle Physics Lecture 3

Tuesday 17 March 2015 14:00 (1h 15m)

Presenter: ENGEL, Ralph (Karlsruhe Institute of Technology (KIT))

Session Classification: Astroparticle Physics

Track Classification: Astroparticle Physics

Contribution ID: 4

Type: **not specified**

Astroparticle Physics Lecture 4

Wednesday 18 March 2015 10:45 (1h 15m)

Presenter: ENGEL, Ralph (Karlsruhe Institute of Technology (KIT))

Session Classification: Astroparticle Physics

Track Classification: Astroparticle Physics

Contribution ID: 5

Type: **not specified**

Astroparticle Physics Lecture 5

Wednesday 18 March 2015 14:00 (1h 15m)

Presenter: ENGEL, Ralph (Karlsruhe Institute of Technology (KIT))

Session Classification: Astroparticle Physics

Track Classification: Astroparticle Physics

Contribution ID: 6

Type: **not specified**

Search for Singly-Produced Vector-Like Υ Quarks in the Lepton + Jets Final State with the ATLAS Detector

Monday 16 March 2015 14:00 (20 minutes)

Presenter: BIEDERMANN, Dustin (HU Berlin)

Session Classification: Students' Seminar

Track Classification: Student Seminar

Contribution ID: **11**

Type: **not specified**

Perturbation Theory for the String Worldsheet Sigma-Model

Monday 16 March 2015 14:50 (20 minutes)

Presenter: VESCOVI, Edoardo (Humboldt-Universität zu Berlin)

Session Classification: Students' Seminar

Track Classification: Student Seminar

Contribution ID: **13**

Type: **not specified**

Renormalization Lecture 1

Tuesday 17 March 2015 09:00 (1h 15m)

Presenter: Prof. STÖCKINGER, Dominik (TU Dresden)

Session Classification: Renormalization

Track Classification: Renormalization

Contribution ID: 14

Type: **not specified**

Renormalization Lecture 2

Tuesday 17 March 2015 14:00 (1h 15m)

Presenter: Prof. STÖCKINGER, Dominik (TU Dresden)

Session Classification: Renormalization

Track Classification: Renormalization

Contribution ID: 15

Type: **not specified**

Renormalization Lecture 3

Wednesday 18 March 2015 10:45 (1h 15m)

Presenter: Prof. STÖCKINGER, Dominik (TU Dresden)

Session Classification: Renormalization

Track Classification: Renormalization

Contribution ID: **16**

Type: **not specified**

Renormalization Lecture 4

Wednesday 18 March 2015 14:00 (1h 15m)

Presenter: Prof. STÖCKINGER, Dominik (TU Dresden)

Session Classification: Renormalization

Track Classification: Renormalization

Contribution ID: **18**

Type: **not specified**

Introduction to Cosmology Lecture 1

Tuesday 17 March 2015 15:45 (1h 15m)

Presenter: Prof. KOWALSKI, Marek (DESY)

Session Classification: Introduction to Cosmology

Track Classification: Cosmology

Contribution ID: **19**

Type: **not specified**

Introduction to Cosmology Lecture 2

Tuesday 17 March 2015 17:15 (1h 15m)

Presenter: Prof. KOWALSKI, Marek (DESY)

Session Classification: Introduction to Cosmology

Track Classification: Cosmology

Contribution ID: 20

Type: **not specified**

Introduction to Cosmology Lecture 3

Wednesday 18 March 2015 09:00 (1h 15m)

Presenter: Prof. KOWALSKI, Marek (DESY)

Session Classification: Introduction to Cosmology

Track Classification: Cosmology

Contribution ID: 21

Type: **not specified**

Code Quality Tools

Wednesday 18 March 2015 15:45 (20 minutes)

Presenter: Mr HAUSWALD, Lorenz (Technical University Dresden)

Session Classification: Computer & Programming

Track Classification: Computer Algebra & Programming

Contribution ID: 22

Type: **not specified**

Interfacing C++ and Fortran

Wednesday 18 March 2015 17:40 (20 minutes)

Presenter: Mr HÜTTEN, Moritz (HU Berlin/DESY Zeuthen)

Session Classification: Computer & Programming

Track Classification: Computer Algebra & Programming

Contribution ID: 23

Type: **not specified**

Functional Style Python Scripting

Wednesday 18 March 2015 16:35 (20 minutes)

Presenter: Mr DIESSNER, Philip (Technische Universität Dresden)

Session Classification: Computer & Programming

Track Classification: Computer Algebra & Programming

Contribution ID: 26

Type: **not specified**

PI Discussion

Thursday 19 March 2015 10:45 (1h 15m)

Presenter: Dr KIND, Oliver Maria (Humboldt Universität zu Berlin)

Session Classification: Discussion

Contribution ID: 27

Type: **not specified**

PhD Discussion

Thursday 19 March 2015 10:45 (1h 15m)

Presenter: GALLER, Peter (Humboldt-University of Berlin)

Session Classification: Discussion

Contribution ID: **28**

Type: **not specified**

Open Discussion

Thursday 19 March 2015 13:15 (1h 15m)

Session Classification: Discussion

Contribution ID: 29

Type: **not specified**

Search for High Mass Resonances Decaying into two Tau Leptons at the ATLAS Detector

Monday 16 March 2015 15:45 (20 minutes)

Presenter: DUSCHINGER, Dirk (TU Dresden)

Session Classification: Students' Seminar

Track Classification: Student Seminar

Contribution ID: 30

Type: **not specified**

Smooth Supersymmetric Wilson Loops in N=4 SYM

Monday 16 March 2015 14:25 (20 minutes)

Presenter: Mr MÜLLER, Dennis (HU Berlin)

Session Classification: Students' Seminar

Track Classification: Student Seminar

Contribution ID: 31

Type: **not specified**

Dyson-Schwinger-Equations and Linear Covariant Gauges

Monday 16 March 2015 16:10 (20 minutes)

Presenter: KISSLER, Henry (HU Berlin)

Session Classification: Students' Seminar

Track Classification: Student Seminar

Contribution ID: 32

Type: **not specified**

Improving the Calibration of Supernovae Distances for Cosmology

Monday 16 March 2015 16:35 (20 minutes)

Presenter: KÜSTERS, Daniel (HU Berlin)

Session Classification: Students' Seminar

Track Classification: Student Seminar

Contribution ID: 33

Type: **not specified**

Feynman Integrals with Mathematica 1

Wednesday 18 March 2015 15:45 (1h 15m)

Presenter: Dr SIEG, Christoph (Humboldt-Universität zu Berlin)

Session Classification: Feynman Integrals

Track Classification: Feynman Integrals

Contribution ID: 34

Type: **not specified**

Feynman Integrals with Mathematica 2

Wednesday 18 March 2015 17:15 (1h 15m)

Presenter: Dr SIEG, Christoph (Humboldt-Universität zu Berlin)

Session Classification: Feynman Integrals

Track Classification: Feynman Integrals

Contribution ID: 35

Type: **not specified**

Feynman Integrals with Mathematica 3

Thursday 19 March 2015 09:00 (1h 15m)

Presenter: Dr SIEG, Christoph (Humboldt-Universität zu Berlin)

Session Classification: Feynman Integrals

Track Classification: Feynman Integrals

Contribution ID: 36

Type: **not specified**

Making Code More Readable

Wednesday 18 March 2015 16:10 (20 minutes)

Presenter: Mr SOCHER, Felix (Institut für Kern- und Teilchenphysik, Dresden)

Session Classification: Computer & Programming

Track Classification: Computer Algebra & Programming

Contribution ID: 37

Type: **not specified**

Parallel Programming: Introduction to openMP and MPI

Wednesday 18 March 2015 17:15 (20 minutes)

Presenter: GARCIA VERA, Miguel Francisco (Humboldt University Berlin)

Session Classification: Computer & Programming

Track Classification: Computer Algebra & Programming

Contribution ID: 38

Type: **not specified**

Q & A Session, Computing

Thursday 19 March 2015 09:00 (1h 15m)

Presenter: GALLER, Peter (Humboldt-University of Berlin)

Session Classification: Computer & Programming

Track Classification: Computer Algebra & Programming